

Gene Name	Mature host-defence peptide name	Uniprot Accession Number
<i>CATHL1</i>	Bactenecin (Bac)1, cyclic dodecapeptide	P22226
<i>CATHL2</i>	Bac5	P19660
<i>CATHL3</i>	Bac7	P19661
<i>CATHL4</i>	Indolicidin	P33046
<i>CATHL5</i>	Bovine Myeloid Antimicrobial Peptide (BMAP)-28	P54229
<i>CATHL6</i>	BMAP-27	P54228
<i>CATHL7</i>	BMAP-34	P56425
<i>CATHL9</i>	Bac4	

Additional file 1: A: Cathelicidin Uniprot Accession numbers.

Additional file 1b: Gene-specific oligonucleotide primers used for qRT-PCR

Gene Symbol	Gene Name	Forward primer (5'-3')	Reverse primer (5'-3')	Amplicon size (bp)	Accession Number
<i>CATHL1</i>	Cathelicidin 1	ATCACCTGTAATAATCACCAGAGCAT	CCCTTAGGACTCTGCTGGCTTA	150	NM_174825
<i>CATHL2</i>	Cathelicidin 2	GAGAATGGGCTGGTGAAACAG	GTTATCTGCCTATTGTTACCCGTCTA	250	NM_174826
<i>CATHL3</i>	Cathelicidin 3	CAGAAGCTAATCTCTACCGCCT	CTCTGAAGCTCATTACAGTTTAAGT	238	NM_174001
<i>CATHL4</i>	Cathelicidin 4	GACCCACCTCCCAAGGATAATG	TTGAAGTCACACTGCTCCGC	116	NM_174827
<i>CATHL5</i>	Cathelicidin 5	GGAGAATGGGCTGCTGAAAG	CACAGCACAGGTGATGTCG	83	NM_174510
<i>CATHL6</i>	Cathelicidin 6	GGAGGACGATGAGAACCCAAA	AGTAGCGGAATGACTGGAGAAAGT	270	NM_174832
<i>CATHL7</i>	Cathelicidin 7	CCCAGAGCAGTGTGACTTCAAG	AGCCCCGCACTCTGAATATTATTA	120	NM_174831
<i>CATHL8</i>	Cathelicidin 8	TCAGGGTGAAGGAGACTGTG	ACTCGCCTCATTACAATTCCT	150	
<i>CATHL8</i>	Cathelicidin 8	CGAGCTGAACAGGGAACCTCA	GCCCTGACACTCTGAAGACAG	71	
<i>CATHL9</i>	Cathelicidin 9	GAACCTCAGGGTGAAGGAGACC	TCTGAAGCTCATTACAGTTTAGACC	158	
<i>CATHL9</i>	Cathelicidin 9	ACTGTAATGAGCTTCAGAGTGCA	CTTGGCAGTGGTAATGACAATGG	100	
<i>CATHL9</i>	Cathelicidin 9	GGAAAATGGGCTGGTGAAACAGTG	CGTTGATGCTGGGGATGAAGTC	121	
<i>GAPDH</i>	Glyceraldehyde-3-phosphate dehydrogenase	TGAGGACCAGGTTGTCTCCT	GGAGATTCTCAGTGTGGCGG	273	NM_001034034.2
<i>H3F3A</i>	H3 histone, family 3A	CATGGCTCGTACAAAGCAGA	ACCAGGCCTGTAACGATGAG	136	NM_001014389